PTO/SB/08A (08-03)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE uction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known							
Application Number	10/670,580						
Filing Date	September 25, 2003						
First Named Inventor	Chip Hewette, et al.						
Art Unit	1764						
Examiner Name	Unassigned						
Attorney Docket Number	El-7602						

Examiner Cita Initials* No.		Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whe Relevant Passages or Releva Figures Appear	
SKD		^{US-} 20020160922	10-31-2002	Milner, et al.		
1		^{US-} RE27331	04-11-1972	Coleman, et al.		
1		US- 4284520	08-18-1981	Bolle, et al.		
		^{US-} 4623473	11-18-1986	Davis, et al.		
\neg		^{US-} 5492638	02-20-1996	Wallace, et al.		
		^{US-} 5561103	10-01-1996	Tipton		
		US- 5569644	10-29-1996	Geibach, et al.		
	Ī	us- 5620948	04-15-1997	Tipton		
		us- 5763372	06-09-1998	Tersigni, et al.		
		us- 5843874	12-01-1998	MacPherson et al.		
		^{US-} 6468946	10-22-2002	Vinci		
		^{US-} 5126064	06-30-1992	Barber, et al.		
		^{US-} 5358650	10-25-1994	Srinivasan, et al.		
_ \	ļ	US- 5225093	07-06-1993	Campbell, et al.		
		US- 5176840	01-05-1993	Campbell, et al.		
$\overline{}$		US- 5411711	05-02-1995	Swars		
		US-				
		US-				
	†	US-				

		FORE	IGN PATENT DOCU	MENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
SYP		EP 0 428 393 B1	05-22-1991	Ethyl Petroleum Additives Inc		<u> </u>
7		EP 0 541 585 B1	05-19-1993	EMITEC EMISSIONSTECHNIK		~
		EP 1 191 090 A2	03-27-2002	ETHYL CORP		
		EP 1 233 051 A1	08-21-2002	ETHYL CORP		
		EP 0 391 653 B1	10-10-1990	ETHYL PETROLEUM ADDITIVES LTD (GB)		1
V		EP 0 395 258 B1	10-31-1990	ETHYL PETROLEUM ADDITIVES INC		

1	Examiner) /	Date	1/17/06	
1	Signature	1 Smiles +	h. la-	Considered	1 1/4//52	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.usgto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/088 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	der the Paperwork Red te for form 1449/PTO	Application Number 10/670,580 PON DISCLOSURE Filling Date September 25, 2003 First Named Inventor Chip Hewette, et al. Art Unit 1764			
Subsum	18 101 101111 1445FTO			Application Number	10/670,580
INFO	ORMATION	DIS	CLOSURE	Filing Date	September 25, 2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Chip Hewette, et al.
	(lba ao many aba		-onoccomd	Art Unit	1764
	(USB as many Sm	reus as r	ocessary)	Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	EI-7602

	,	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Testing Methods for Oxidation Stability of Lubricating Oils; JIS K 2514,	
		Japan Standards Association (1987).	
			<u> </u>

-	-		
			l

Examiner		Date //	27/2/2
Signature	Sandy Laile	Considered	2//00

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

``							Page 1 of 3
			۵ ا	ATTY, DOCKET NO. AC-7657 (2288.0070000)		ICATION NO. 95,097 - 10	1670,580
		RM PTO-1449	7 A	APPLICANT(S) Kadkhodayan et al. Hen			,
INFORI	MATION [DISCLOSURE STATEME	<u>NT</u> F	iling Date November 24, 2004 - 9/25/	ART	UNIT e assigned	1714
224.140.150		·	U.S. PATEN	T DOCUMENTS			T
EXAMINER INITIAL	ļ	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SKY	AAI	2,675,366	04/13/1954	Pullman	 -		05/24/1951
	ABI	3,238,263	03/01/1966	Schetelich et al.			12/31/1962
	AC1	3,372,116	03/05/1968	Meinhardt	ļ	<u> </u>	04/17/1967
	ADI	3,657,133	04/18/1972	Miller			12/27/1967
	AEI	4,800,032	01/24/1989	Murphy			07/08/1987
	AFI	5,082,470	01/21/1992	Martella et al.			12/19/1990
	AGI	5,102,566	04/07/1992	Fetterman Jr., et al.			04/03/1989
	AHI	5,114,601	05/19/1992	Cook et al.			03/22/1991
	All	5,162,085	11/10/1992	Cane et al.			02/21/1990
	AJI	5,205,946	04/27/1993	Cook et al.			02/06/1992
	AK1	5,330,665	07/19/1994	Cane et al.			03/18/1985
	_A.,	F	OREIGN PA	TENT DOCUMENTS			-
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
	1	OTHER (Incl	uding Author	, Title, Date, Pertinent Pages,	etc.)		
	AR						
	AS						
	AT						-
EXAMINER	San	he Pont	<u>-</u>		DATE CO	NSIDERED /	6
		ce considered, whether or not s form with next communicat		ormance with MPEP 609. Draw line th	rough citatio	n if not in confor	mance and not
358256 1.DOC							

							Page 2 of 3
				TTY. DOCKET NO.		ICATION NO.	
	E0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		AC-7657 (2288.0070000) APPLICANT(S)		95, 097 \D/	670,580
			لله لله		Hewette	,	
INFORM	ATION [DISCLOSURE STATEME	NT F	ILING DATE	ART	UNIT	1714
					25/03 To 1	e assigned	1 /19
EXAMINER	T	<u> </u>		T DOCUMENTS	<u> </u>	T	T
INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SUP	AA2	5,569,405	10/29/1996	Nakazato et al.			08/27/1993
	AB2	5,629,272	05/13/1997				12/03/1993
	AC2	6,002,051	12/14/1999	Burjes et al.			10/16/1992
	AD2	6,103,672	08/15/2000	Dunn et al.			05/01/1998
	AE2	6,248,142	06/19/2001	Caprotti			09/15/1997
	AF2	6,310,009	10/30/2001	Kocsis et al.			01/16/2001
	AG2	6,331,510	12/18/2001	Curtis et al.			02/13/2001
1 1	AH2	6,455,477	09/24/2002	L'Heureux			12/11/2000
	Al2	6,559,105	05/06/2003	Abraham et al.			01/16/2001
	AJ2	6,569,818	05/27/2003	Nakazato et al.			05/30/2001
	AK2	6,593,281	07/15/2003	<u> </u>			06/05/2001
EXAMINER		F	OREIGN PA	TENT DOCUMENTS			
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION Yes
	AL						No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
	·····	OTHER (Incl	uding Author	, Title, Date, Pertinent Pa	ges, etc.)		
	AR						
							
	AS						
	AS						
-							
	AT						
						A. 1018	
EXAMINER	Yan 1	m (P. 1	~			ONSIDERED 2	7/06
		ice considered, whether or not is form with next communicat		ormance with MPEP 609. Draw I	ine through citat	ion if not in confo	

						<u> </u>	Page 3 of 3
				ATTY, DOCKET NO. AC-7657 (2288,0070000)		ICATION NO. 95,097 /	1670.58
	ı	FORM PTO-1449	·	APPLICANT(S)		75,097 /0	10100
INIE	PMATION	DISCLOSURE STATEM		Kadkhodayan et al. Hew	iette		
INT	ACVIATION	DISCLOSURE GIATEM	· .	FILING DATE November 24, 2004 9/25/0	ART I	UNIT e assigned	1714
				NT DOCUMENTS	<u> </u>		- // /
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SKP	AB3	6,610,637	08/26/2003	Curtis et al.			10/16/2001
	AC3	6,649,575	11/18/2003	Robson			12/05/2001
	AD3	6,673,751	01/06/2004	Cressey et al.			11/06/2002
	AE3	6,720,293	04/13/2004	Bovington et al.			09/24/2001
	AF3	2004/0102335	05/27/2004	Carrick et al.	ļ <u>.</u>		11/25/2002
	AG3	6,764,982	07/20/2004	Bardasz et al.			01/31/2002
	AH3	6,784,143	08/31/2004	Locke et al.			05/09/2002
	AI3	6,803,350	10/12/2004	Lantuejoul et al.			05/22/2002
<u> </u>	AJ3	6,809,069	10/26/2004	Deshimaru et al.			04/27/2001
	AK				<u> </u>		
EXAMINER	<u>-</u>	F	OREIGN PA	TENT DOCUMENTS	1		
INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP		<u></u>		<u> </u>		Yes No
	1	OTHER (Inc	luding Author	, Title, Date, Pertinent Pages,	etc.)		
	AR						
	AS						
	AT						

EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant

EXAMINER

DATE CONSIDERED

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO **Application Number** 10/670,580 Filing Date September 25, 2003 NFORMATION DISCLOSURE First Named Inventor Chip HEWETTE et al. TATEMENT BY APPLICANT Art Unit Not Assigned; Conf. No.: 7454 APR 2 6 2005 (Use as many sheets as necessary) **Examiner Name** Not Assigned Attomey Docket Number EI-7602

Sheet		of	1	Attorney Docket Number	EI-7602		
N AND							
Examiner				DOCUMENTS			
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee Applicant of Cited Doc		ines, Where or Relevan	
initials	No.	Number-Kind Code ^{2 (f known)}	MIM-OD-1111	Applicant of Cited Doc	Figures Ap	Figures Appear	
		US-					
		US-					
	1	US-					
	 	US-					
	 	US-					
	1	US-	-				
	1	US-					
	 	US-					
	<u> </u>	US-					
		US-					
		US-					
	 	US-					
	1	US-					
	 	US-					
	†	U\$-	-				
	 	US-					
	 	US-					
	\vdash	US-		 			
	-	US-		 			

		FORE	IGN PATENT DOCU	IMENTS		
	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ.
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	70
SKP		EP 0 622 444 A1	11-02-1994	KAGA		
1		EP 0 805 194 A1	11-05-1997	ICHIHASHI et al.		
		EP 0 373 454 A1	06-20-1990	ICHIHASHI		
1		EP 0 848 052 A2 & A 3	06-17-1998	SAATHOFF et al.		
		EP 0 428 393 A1	05-22-1991	NORMAN et al.		

				_	
Examiner Signature	/_ /	V Pal	Date Considered	W	27/06
	PriMa	N 1000			<u> </u>

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.